**MCQ QUESTIONS ON NETWORKS**

SUBMITTED BY

PREETHI R - 2015103565

PRIYANKA S - 2015103566

1. Frames from one LAN can be transmitted to another LAN via the device

1. Router

1. Bridge
2. Repeater
3. Modem
4. Which of the following condition is used to transmit two packets over a medium at the same time?

1. Contention

1. Collision

1. Synchronous
2. Asynchronous

1. None of the above
2. You have a class A network address 10.0.0.0 with 40 subnets, but are required to add 60 new subnets very soon. You would like to still allow for the largest possible number of host IDs per subnet. Which subnet mask should you assign?
3. 255.240.0.0
4. 255.248.0.0

1. 255.255.0.0

1. 255.254.0.0
2. 255.255.255.255
3. What are the most commonly used transmission speeds in BPS used in data communication?

1. 300

1. 1200

1. 2400

1. 9600
2. What is the default subnet mask for a class C network?

1. 127.0.0.1

1. 255.0.0.0

1. 255.255.0.0

1. 255.255.255.0
2. The Internet Control Message Protocol (ICMP)

1. allows gateways to send error a control messages to other gateways or hosts

1. provides communication between the Internet Protocol Software on one machine and the Internet Protocol Software on another
2. reports error conditions to the original source, the source must relate errors to individual application programs and take action to correct the problem
3. All of the above
4. The term 'duplex' refers to the ability of the data receiving stations to echo back a confirming message to the sender. In full duplex data transmission, both the sender and the receiver

1. cannot talk at once

1. can receive and send data simultaneously

1. can send or receive data one at a time
2. can do one way data transmission only
3. How many hosts are attached to each of the local area networks at your site?
4. 128
5. 254
6. 256

1. 64
2. Satellite-Switched Time-Division Multiple Access (SS/TDMA) is
3. the method of determining which device has access to the transmission medium at any time.
4. a medium access control technique for multiple access transmission media
5. a form of TDMA in which circuit switching is used to dynamically change the channel assignments
6. All of the above
7. When you ping the loopback address, a packet is sent where?
8. On the network
9. Down through the layers of the IP architecture and then up the layers again
10. Across the wire
11. Through the loopback dongle
12. Which of the following TCP/IP protocol is used for transferring electronic mail messages from one machine to another?

1. FTP
2. SMTP

1. SNMP

1. RPC
2. A distributed network configuration in which all data/information pass through a central computer is
3. Bus network
4. Star network
5. Ring network

1. Point -to-point
2. Which of the following TCP/IP protocol allows an application program on one machine to send a datagram to an application program on another machine ?

1. UDP

1. VMTP

1. X.25
2. SMTP
3. A remote batch-processing operation in which data is solely input to a central computer would require
4. telegraph line
5. simplex lines
6. mixedband channel
7. All the above
8. The synchronous modems are more costly than the asynchronous modems because

1. they produce large volume of data
2. they contain clock recovery circuits
3. they transmit the data with stop and start bits
4. they operate with a larger bandwidth